References

[1] R.C. Brigham, F. Harry, E.C. Biolin, and J. Yellen. Perfect matching preclusion. *Congr. Numer.*, 174:185–192, 2005.

[2] J.A. Bondy, U.S.R. Murty. Graph Theory. GTM244, *Springer*, 2008.

[3] W. Chang, E. Cheng. Strong matching preclusion of 2-matching composition networks. *Congr. Numer.*, 224:91–104, 2005.

[4] E. Cheng, R. Jia, and D. Lu. Matching preclusion and Conditional Matching preclusion for augmented cubes. *JOIN*, 11(01n02):35-60, 2010. https://doi.org/10.1142/s0219265910002726

[5] E. Cheng, J. Kelm, and J. Renzi. Strong matching preclusion of (n,k)-star graphs. *Theor. Comput. Sci.*, 615(C):91–101, 2016. https://doi.org/10.1016/j.tcs.2015.11.051

[6] E. Cheng, J. Kelm, R. Orzach, and B. Xu. Strong matching preclusion of burnt pancake graphs. *Int. J. Parallel Emergent Distrib. Syst.*, 31(3):220–232, 2016. https://doi.org/10.1080/17445760.2014.1000323

[7] E. Cheng, L. Lipták. Conditional matching preclusion for (n,k)-star graphs. *Parall. Process. Lett.*, 23:1350004, 2013. https://doi.org/10.1142/s0129626413500047

[8] E. Cheng, L. Lipták. Matching preclusion for some interconnection networks. *Networks*, 50:173–180, 2007. https://doi.org/10.1002/net.20187

[9] E. Cheng, L. Lesniak, M. Lipman, and L. Lipták. Matching preclusion for alternating group graphs and their generalizations. *Int. J. Found. Comp. Sci.*, 19(06):1413–1437, 2008. https://doi.org/10.1142/s0129054108006364

[10] E. Cheng, L. Lesniak, M. Lipman, and L. Lipták. Conditional Matching preclusion sets. *Inf. Sci.*, 179(8):1092–1101, 2009. https://doi.org/10.1016/j.ins.2008.10.029

[11] E. Cheng, L. Lipták, N. Prince, and K. Stanton. Matching preclusion and conditional matching preclusion problems for the generalized Petersen graph $P(n,3)$. *Congr. Numer.*, 210:61–72, 2010. https://doi.org/10.1016/j.tcs.2015.01.046

[12] E. Cheng, L. Lipták, and D. Sherman. Matching preclusion for the (n,k)-bubble-sort graphs. *Int. J. Comput. Math.*, 87:2408–2418, 2010. https://doi.org/10.1080/00207160902883514

[13] E. Cheng, S. Shah, V. Shah, and D.-E. Steffy. Strong matching preclusion for augmented cubes. *Theor. Comput. Sci.*, 491(C):71–77, 2013. https://doi.org/10.1016/j.tcs.2013.05.002

[14] S.J. Cyvin, I. Gutman. Kekulé Structures in Benzenoid Hydrocarbons. *Springer*, Berlin, 2000.

[15]J.-S. Hwo, S. Lakshmivarahan, and S.K. Dhall. A new class of interconnection networks based on the alternating group. *Networks*, 23(4):315–326, 1993. https://doi.org/10.1002/net.3230230414

[16]F. Kardos, D. Kral, J. Miskuf, and J. Sereni. Fullerene graphs have exponentially many perfect matchings. *J. Math. Chem.*, 46:443–447, 2009. https://doi.org/10.1007/s10910-008-9471-7

[17]Y. Liu, W. Liu. Fractional matching preclusion of graphs. *J. Comb. Optim.*, 34(2):522–533, 2016. https://doi.org/10.1007/s10878-016-0077-x

[18] P. Manuel, I. Rajasingh, B. Rajan, and Prabha. Augmented Butterfly Networks. *J. Combin. Inform. Syst. Sci.*, 33:27–35, 2008.

[19]Y. Mao, Z. Wang, E. Cheng, and C. Melekian. Strong matching preclusion number of graphs. *Theor. Comput. Sci.*, 713:11–20, 2018. https://doi.org/10.1016/j.tcs.2017.12.035

[20] J.-H. Park, I. Ihm. Strong matching preclusion. *Theor. Comput. Sci.*, 412:6409–6419, 2011. https://doi.org/10.1016/j.tcs.2011.08.008

[21]M.J. Raja, D.A. Xavier. Conditional Matching Preclusion Number For Butterfly Derived Networks. *Inter. J. Pure Appl. Math.*, 7:17–25, 2016.

[22] M.J. Raja, D.A. Xavier, and A.S. Shanthi. Anti–Kekulé Number of certain Nantube Structures. *Inter. J. Pure Appl. Math.*, 101:655–665, 2015.

[23] H. Sarbazi-Azad, M. Quld-Khaoua, and L. Mackenzie. Algorithemic constructions of Hamiltonians in pyramid networks. *Inf. Proc. Lett.*, 80(2):75–79, 2001. https://doi.org/10.1016/s0020-0190(01)00149-1

[24] E.R. Scheinerman, D.H. Ullman. Fractional Graph Theory: A Rational Approach to the Theory of Graphs. *John Wiley*, New York, 1997.